

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0817	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0817 Carlin	U	7.69						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	3.16	0.03	3.28	42.65%	0.06			
Encroachments						0.01		
Slope Stability	1.11		1.11	14.43%				
Flood Preparedness & Training	0.08		0.08	1.04%				
<i>LMA Totals:</i>	4.35	0.03	4.47	58.13%	0.06	0.01	0.00	0.00
Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles						
RD0817	U	3.82						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	1.18		1.18	30.89%				
Encroachments						0.01		
<i>Unit Totals:</i>	1.18	0.00	1.18	30.89%	0.00	0.01	0.00	0.00
Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0817	U	3.87						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	1.98	0.03	2.10	54.26%	0.06			
Slope Stability	1.11		1.11	28.68%				
<i>Unit Totals:</i>	3.09	0.03	3.21	82.95%	0.06	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Reclamation District No. 0817 Carlin

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0817 Carlin

Waterway			Bank	Unit Miles
Unit No. 01 South Dry Creek			Left	3.82
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	05/30/2012 - 05/30/2012		10/18/2012 - 10/18/2012	
DWR Inspector	Rick Burnett		Clay Thomas	
Accompanied By	Joe Conant rd-817		Joe Conant rd-817	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Reclamation District No. 0817 Carlin

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.82	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	0.60
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Levee mile 3.80, the waterside slope.

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Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	0.60
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 3.80, the landside slope.

cathom_f_20121128_284.JPG



Levee Mile Report Line	6
Start Levee Mile	1.34
End Levee Mile	1.34
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This screw gate is not operating properly.

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* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0817 Carlin

Waterway			Bank	Unit Miles
Unit No. 02 Bear River			Right	3.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	05/30/2012 - 05/30/2012		10/18/2012 - 10/18/2012	
DWR Inspector	Rick Burnett		Clay Thomas	
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0817 Carlin

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River						Right	3.87	10/18/2012 10/18/2012	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.01	1.00	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.984502 ° -121.505957 °	38.983962 ° -121.504625 °	5
DWR ID: DWR_RD0817_02_f_2012_5										
2	0.01	1.00	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.984502 ° -121.505958 °	38.983962 ° -121.504625 °	7
DWR ID: DWR_RD0817_02_f_2012_7										
3	0.27	0.27	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense berry bushes along lower slope.	38.984377 ° -121.501553 °	38.984377 ° -121.501553 °	1 Y
DWR ID: DWR_RD0817_02_s_2012_1										
4	0.32	0.32	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense bushes along lower slope.	38.984467 ° -121.500488 °	38.984467 ° -121.500488 °	2 Y
DWR ID: DWR_RD0817_02_s_2012_2										
5	0.39	0.39	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dense berry bushes along lower slope.	38.984542 ° -121.499283 °	38.984542 ° -121.499283 °	3 Y
DWR ID: DWR_RD0817_02_s_2012_3										
6	1.00	3.80	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.983962 ° -121.504625 °	38.992974 ° -121.438201 °	8 Y
DWR ID: DWR_RD0817_02_f_2012_8										
7	1.76	1.82	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.987792 ° -121.474295 °	38.988118 ° -121.473372 °	6 Y
DWR ID: DWR_RD0817_02_s_2012_6										
8	2.08	3.19	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.989338 ° -121.468640 °	38.994124 ° -121.449448 °	10 Y
DWR ID: DWR_RD0817_02_s_2012_10										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.87	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	3
Start Levee Mile	0.27
End Levee Mile	0.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 817 Unit 2 - L/S Vegetation - Blackberries & Wild Rose

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Levee Mile Report Line	4
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 817 Unit 2 - L/S Vegetation - Wild Rose

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Levee Mile Report Line	5
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 817 Unit 2 - L/S Vegetation - Blackberries & Wild Rose

cathom_f_20120912_065.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.87	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	6
Start Levee Mile	1.00
End Levee Mile	3.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.22, the landside slope.	
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Levee Mile Report Line	6
Start Levee Mile	1.00
End Levee Mile	3.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.22, the waterside slope.	
cathom_f_20121128_287.JPG	



Levee Mile Report Line	7
Start Levee Mile	1.76
End Levee Mile	1.82
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 817 Unit 2 - L/S Landscaping	
cathom_f_20120912_066.JPG	



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Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.87	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	8
Start Levee Mile	2.08
End Levee Mile	3.19
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Levee mile 2.08, this photo shows the slope is less than required, this is the downstream limit of the site, this is the waterside slope.

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*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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